

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1202	361/23	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:21
S2	1030	S1 and (motor (motor adj controller))	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:42
S3	698	S2 and input and output	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:29
S4	14584	motor adj controller	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:12
S5	2183	S4 same input same output	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:13
S6	124	S5 same (manual manually)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:14
S7	809	S5 same power	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:14
S8	33	S7 same (manual manually)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:14
S9	940	S2 and power	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:28
S10	663	S9 and input and output	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:29
S11	66	S2 and (input adj power)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:30
S12	66	S11 not S8	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:30
S13	14584	motor adj controller	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:30
S14	208	S13 same (motor adj output)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:31
S15	16	S14 same input same output same power	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:31
S16	117	S1 and (motor adj controller)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:42
S17	93	S16 and input and output	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:42
S18	89	S17 and power	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:42
S19	34	S18 and (manual manually)	US-PGPUB; USPAT	OR	OFF	2006/01/11 14:50
S20	14584	motor adj controller	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:27
S21	60	S20 same ((manual manually) with output)	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:05

## EAST Search History

S22	14584	motor adj controller	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:06
S23	5	S22 same automat\$3 same (input adj power)	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:07
S24	477	361/30	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:07
S25	45	S24 and (motor adj controller)	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:07
S26	2183	S20 same input same output	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:27
S27	739	S26 same interface	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:27
S28	18	S27 same (manual manually)	US-PGPUB; USPAT	OR	OFF	2006/01/11 15:34
S29	36524	motor controller input output manual\$3	US-PGPUB; USPAT	AND	OFF	2006/01/11 16:05
S30	34	((("6690137") or ("6636011") or ("6545852") or ("6529135") or ("6528957") or ("6501629") or ("6308140") or ("6262550") or ("6236947") or ("6208109") or ("6128583") or ("5930092") or ("5828576") or ("5754036") or ("5689194") or ("5684377") or ("5650936") or ("5337206") or ("5325315") or ("5251157") or ("5248967") or ("5241256") or ("5206572") or ("5204606") or ("4989155") or ("4982147") or ("4979122") or ("4864287") or ("4839819") or ("4477761") or ("4454462") or ("4255694") or ("4249120") or ("4052648")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/11 16:07
S31	146991	(automatic automated automatically) same (input (input adj power))	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:22
S32	9830	S31 same motor	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:22
S33	1884	S32 same (controller (motorl adj controller))	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:23
S34	993	S33 same output	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:23
S35	140	S34 same interface	US-PGPUB; USPAT	OR	OFF	2006/01/12 13:23
S36	34	S35 same (manual manually user)	US-PGPUB; USPAT	OR	OFF	2007/12/21 20:16

## EAST Search History

S37	28698	motor same display	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:14
S38	141	S37 same boat	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:14
S39	501	S32 same battery	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:15
S40	15	S38 same battery	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:24
S41	8	S37 same (power adj setting)	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:45
S42	29678	motor same interface	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:35
S43	8	S42 same (power adj (setting settings))	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:36
S44	803448	motor (motor adj controller)	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:50
S45	13003	S44 and ((enter\$3 with (value values)))	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:51
S46	1733	S44 same ((enter\$3 with (value values)))	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:51
S47	193	S46 same (interface display)	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:51
S48	40	S47 same power	US-PGPUB; USPAT	OR	OFF	2006/01/12 14:51
S49	0	("2005/0288662").URPN.	USPAT	OR	OFF	2006/01/12 14:55
S50	0	("2005/0231860").URPN.	USPAT	OR	OFF	2006/01/12 14:55
S51	0	("2005/0103510").URPN.	USPAT	OR	OFF	2006/01/12 14:55
S52	16	("3335713"   "3338233"   "3529131"   "3920000"   "4034740"   "4328793"   "4750474"   "5385529"   "5415618"   "5530766"   "5730355"   "5759149"   "5817003").PN. OR ("6641521").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/12 15:09
S53	5	("4636884"   "4687978").PN. OR ("5592057").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/01/12 15:25
S54	803448	motor (motor adj controller)	US-PGPUB; USPAT	OR	OFF	2006/01/12 16:08
S55	53657	S54 same (interface display)	US-PGPUB; USPAT	OR	OFF	2006/01/12 16:08
S56	15127	S55 same (output (motor adj output))	US-PGPUB; USPAT	OR	OFF	2006/01/12 16:09
S57	8264	S56 same input	US-PGPUB; USPAT	OR	OFF	2006/01/12 16:09

## EAST Search History

S58	1216	361/23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:11
S59	25992	(motor adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:12
S60	1903	S59 same interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:12
S61	14	S60 same (motor adj output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:15
S62	329	(motor adj output) same (enter entering entered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:15
S63	60	(motor adj output) with (enter entering entered)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:16
S64	0	motor near output near (enter entering entered) near (manually) near interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:17
S65	15	motor same output same (enter entering entered) same (manually) same interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:27

## EAST Search History

S66	568	"6690137" "6636011" "6545852" "6529135" "6528957" "6501629" "6308140" "6262550" "6236947" "6208109" "6128583" "5930092" "5828576" "5754036" "5689194" "5684377" "5650936" "5337206" "5325315" "5251157" "5248967" "5241256" "5206572" "5204606" "4989155" "4982147" "4979122" "4864287" "4839819" "4477761" "4454462" "4255694" "4249120" "4052648"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 10:33
S67	34	((("6690137") or ("6636011") or ("6545852") or ("6529135") or ("6528957") or ("6501629") or ("6308140") or ("6262550") or ("6236947") or ("6208109") or ("6128583") or ("5930092") or ("5828576") or ("5754036") or ("5689194") or ("5684377") or ("5650936") or ("5337206") or ("5325315") or ("5251157") or ("5248967") or ("5241256") or ("5206572") or ("5204606") or ("4989155") or ("4982147") or ("4979122") or ("4864287") or ("4839819") or ("4477761") or ("4454462") or ("4255694") or ("4249120") or ("4052648"))).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 11:24
S68	15	weldon-james.in.	US-PGPUB; USPAT	OR	OFF	2006/03/07 13:20
S69	15398	"318" and (input same output same display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:22
S70	812	"318" and (motor same input same output same display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:23
S71	0	"318"/\$.CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:25

## EAST Search History

S72	104384	"318"/\$.CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:25
S73	954	S72 and (input same output same display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:25
S74	40	S72 and (motor same input same output same display same interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:45
S75	9	("3797966"   "4945491"   "4990058"   "5129264"   "5213477"   "5736823"   "5935099"   "6033187").PN. OR ("6464464"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 13:31
S76	15	("4218735"   "5168441"   "5287449"   "5392207"   "5453926"   "5754424"   "5874955"   "5909372"   "6007227"   "6160365"   "6163129"   "6192286"   "6199018").PN. OR ("6445966"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 13:37
S77	63806	S72 and (motor (motor adj controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:06
S78	39357	S77 and (input output (motor adj input) (motor adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:07
S79	2634	S78 and display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:57

## EAST Search History

S80	932	S79 and interface	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 13:58
S81	2833951	(motor (motor adj controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:06
S82	204062	S81 same (input (motor adj input))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:07
S83	125523	S82 same (output (motor adj output))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:08
S84	6441	S83 same (interface)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:09
S85	9	S84 same (enter entering entered) same (manually)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 14:08
S86	438	S84 same (automatic automatically)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:12
S87	5	"5592057"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:15

## EAST Search History

S88	2833951	motor (motor adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:19
S89	660162	S88 same (rpm speed torque efficiency)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:16
S90	183071	S89 same (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:17
S91	56273	S89 same input same output	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:17
S92	1373	S91 same display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:17
S93	7	S88 near (automatic automated automatically) near input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:20
S94	339	S88 same (automatic automated automatically) near input	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:52
S95	55661	motor same display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:52



## EAST Search History

S96	16521	S95 same (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:02
S97	0	motor same (display indicators) same (keyboard keypad commands) same (enter adj (values desired parametes))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:57
S98	1	("6475128").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 15:56
S99	38	motor same (display indicators indicates indicate) same (keyboard keypad commands command) same (enter adj (values value desired parameters parameter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 15:58
S10 0	1	("6475128").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/07 15:59
S10 1	6	S96 same (enter adj (value\$1 parameter\$1))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:04
S10 2	37106	vacuum adj cleaner	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:04
S10 3	8770	S102 same (motor (motor adj controller))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:05
S10 4	728	S103 same (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:05

## EAST Search History

S10 5	17	S104 same (display)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:07
S10 6	272	boat same motor same display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:07
S10 7	53	S106 same (parameter\$1 speed )	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/07 16:07
S10 8	2833951	motor (motor adj controller)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:17
S10 9	111200	S108 same (interface keypad keyboard command\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:18
S11 0	1874	S109 same (enter\$4) same (parameter\$1 value\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:18
S11 1	768	S110 same (input output)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:19
S11 2	349	S111 same (display indicate\$1 indicator\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:19

## EAST Search History

S11 3	109200	boat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:37
S11 4	109200	boat (power\$3 adj boat)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:38
S11 5	16040	S114 same (motor (motor adj control\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 07:39
S11 6	176	S115 same (interface keyboard keypad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:36
S11 7	55661	motor same display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:37
S11 8	272	S117 same boat	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:49
S11 9	23	S118 same battery	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:49
S12 0	0	S119 same (power adj setting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:49

## EAST Search History

S12 1	15	S117 same (power adj setting)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/08 10:49
S12 2	98	("3172743"   "3210793"   "3333564"   "3381652"   "3382524"   "3577869"   "3579706"   "3588943"   "3745965"   "3936904"   "4001912"   "4020525"   "4021879"   "4060050"   "4070170"   "4100878"   "4124916"   "4184225"   "4193292"   "4199838"   "4233597"   "4330900"   "4357729"   "4370690"   "4370776"   "4370777"   "4399585"   "4416033"   "4419782"   "4419783"   "4473923"   "4481692"   "4514874"   "4580311"   "4601082"   "4611365"   "4654924"   "4680827"   "4733430"   "4733431"   "4767213"   "4785295"   "4817234"   "4880474"   "4920605"   "4937912"   "4940474"   "4942640"   "4946242"   "4953253"   "4958406"   "4977639"   "4980945"   "4983895"   "4987637"   "4993104"   "5023973"   "5033151"   "5047597"   "5075607"   "5081738"   "5102435"   "5105502"   "5109568"   "5136750"   "5144714"   "5144715"   "5152028"   "5155885"   "5163202"   "5166585"   "5182833"   "5216777"   "5216778"   "5233682"   "5243732"   "5251358"   "5255409"   "5265305"   "5276939"   "5319827"   "5404612"   "Re28268"   "Re28920"   "Re34286").PN. OR ("5542146").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 10:51
S12 3	143	motor same boat same display	US-PGPUB; USPAT	OR	OFF	2006/03/08 12:00
S12 4	28	S123 same (electric battery batteries)	US-PGPUB; USPAT	OR	OFF	2006/03/08 12:43
S12 5	30148	motor same efficiency	US-PGPUB; USPAT	OR	OFF	2006/03/08 13:36
S12 6	4	S125 same (enter\$4 adj (value\$1 parameter\$1))	US-PGPUB; USPAT	OR	OFF	2006/03/08 12:54
S12 7	2	((("6325685") or ("6132267")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/08 14:17

## EAST Search History

S12 8	47517	motor same (interface keyboard keypad)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 07:06
S12 9	7586	S128 same (value\$1 parameter\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 07:06
S13 0	3914	S129 same (input\$2 enter\$4 setting\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/09 08:20
S13 1	1	("6325685").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/09 08:20
S13 2	1	("20040090195").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/05/15 09:30
S13 3	89	((smart or intelligent or adaptive or automatic) motor controller)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/12/21 20:48
S13 4	0	S133 and (input power (determining or determination) (module or device or unit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/12/21 20:21
S13 5	0	S133 and (input power (determining or determination) (module or device or unit))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2007/12/21 20:21

## EAST Search History

S13 6	1	S133 and (input power (determining or determination))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2007/12/21 20:21
S13 7	13	S133 and pump	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2007/12/21 20:28
S13 8	257	((smart or intelligent or adaptive or automatic) motor controller pump)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2007/12/21 20:48
S13 9	65	((smart or intelligent or adaptive or automatic) motor controller pump). AB.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2007/12/25 13:35
S14 0	3	(motor near input) same (motor near output) same (interface display)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	WITH	OFF	2007/12/25 13:56
S14 1	28	(motor near input) same (motor near output) same (interface display)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/25 14:07
S14 2	161	(motor near input) and (motor near output) and (interface) and (display)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/25 14:43

## EAST Search History

S14 3	915	(motor near control\$4) and (automat\$3 with input with (power value\$1))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/25 14:44
S14 4	122	S143 and (display) and (interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/25 14:44
S14 5	121	S144 not S142	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/25 14:44
S14 6	0	(boat ship) same (enter\$3 near (output speed)) same (interface) same (input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 16:54
S14 7	0	(enter\$3 near (output speed)) same (interface) same (input)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 16:54
S14 8	29431	(automatic\$4) same (determin\$3) same (input) same (output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 16:56
S14 9	48	(automatic\$4 near determin\$3 near input) same (output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 16:58

## EAST Search History

S15 0	319	(motor) same (automatic\$4 with determin\$4 with input) same output	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 16:59
S15 1	41274	motor and (select\$3 same power same output)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 18:30
S15 2	4150	S151 and (display) and (interface)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 18:30
S15 3	4132	S152 and (control\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 18:31
S15 4	3929	S153 and (input)\	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 18:31
S15 5	1545	S154 and (efficiency)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	NEAR	OFF	2008/01/03 18:32
S15 6	8	("4064395"   "5157595"   "5240011"   "5735264"   "6160365").PN. OR ("6445332").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:30
S15 7	313	(enter\$3) with (motor) with (output value\$1) with (power)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:30



## EAST Search History

S15 8	14	("4052648"   "4249120"   "4451112"   "5153489"   "5204606"   "5241256"   "5304911").PN. OR ("5684377").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:55
S15 9	47159	(automatic\$4) same (power) same (input)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:57
S16 0	872	automatic\$4 with motor with input with power	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:58
S16 1	40	S160 and (interface) and (display)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 19:59
S16 2	11	interface with (user manually) with (enter\$3) with (value\$2 output) with motor	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 20:02
S16 3	3703	(motor near control\$4) same interface same motor same output	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 20:04
S16 4	721	S163 same (user manually)	US-PGPUB; USPAT; USOCR	OR	ON	2008/01/03 20:05
S16 5	21	(US-20030177862-\$ or US-20020147381-\$ or US-20040013531-\$ or US-20050118895-\$ or US-20060037442-\$ or US-20010037093-\$).did. or (US-6163129-\$ or US-6208109-\$ or US-5684377-\$ or US-6132267-\$ or US-6325685-\$ or US-6986688-\$ or US-5909372-\$ or US-5592057-\$ or US-6453260-\$ or US-7170262-\$ or US-6445966-\$ or US-6160365-\$ or US-6464464-\$ or US-6445332-\$ or US-6776584-\$).did.	US-PGPUB; USPAT	OR	ON	2008/01/04 18:35